

AMENDED IN SENATE JUNE 25, 2014

AMENDED IN ASSEMBLY APRIL 24, 2014

CALIFORNIA LEGISLATURE—2013–14 REGULAR SESSION

ASSEMBLY BILL

No. 1764

Introduced by Assembly Members Olsen and Buchanan

(Principal coauthors: Senators Knight, Padilla, and Wyland)

(Coauthors: Assembly Members Bocanegra, Bonilla, Chau, Fong, Gonzalez, Gordon, Gray, Hagman, Mullin, Stone, Wagner, and Wieckowski)

(Coauthors: Senators Hill and Huff)

February 14, 2014

An act to amend Section 51225.3 ~~of~~ *of, and to add Section 51225.35 to*, the Education Code, relating to school curriculum.

LEGISLATIVE COUNSEL'S DIGEST

AB 1764, as amended, Olsen. School curriculum: mathematics: computer science.

Existing law requires each pupil completing grade 12 to satisfy certain requirements as a condition of receiving a diploma of graduation from high school. These requirements include the successful passage of the high school exit examination and the completion of designated coursework in grades 9 to 12, inclusive. The coursework requirements include the completion of at least 2 courses in mathematics. Existing law authorizes the governing board of a school district to adopt additional coursework requirements.

This bill would authorize the governing board of a school district that requires more than 2 courses in mathematics for graduation to award a pupil up to one mathematics course credit for successfully completing

an approved computer science course, as provided. ~~The bill would prohibit the governing board of the school district from awarding the pupil mathematics course credit for an approved computer science course if the governing board of the school district also awards the pupil credit for that course for purposes of the graduation requirement in science.~~

Vote: majority. Appropriation: no. Fiscal committee: no.
State-mandated local program: no.

The people of the State of California do enact as follows:

- 1 SECTION 1. Section 51225.3 of the Education Code, as
- 2 amended by Section 2 of Chapter 324 of the Statutes of 2013, is
- 3 amended to read:
- 4 51225.3. (a) A pupil shall complete all of the following while
- 5 in grades 9 to 12, inclusive, in order to receive a diploma of
- 6 graduation from high school:
- 7 (1) At least the following numbers of courses in the subjects
- 8 specified, each course having a duration of one year, unless
- 9 otherwise specified:
- 10 (A) Three courses in English.
- 11 (B) ~~(i) Two courses in mathematics. If the governing board of~~
- 12 ~~a school district requires more than two courses in mathematics~~
- 13 ~~for graduation, the governing board of the school district may~~
- 14 ~~award a pupil up to one mathematics course credit for successfully~~
- 15 ~~completing a “category C” approved computer science course.~~
- 16 ~~The governing board of the school district shall not award a pupil~~
- 17 ~~mathematics course credit for a “category C” approved computer~~
- 18 ~~science course if the governing board of the school district also~~
- 19 ~~awards the pupil credit for that course pursuant to subparagraph~~
- 20 ~~(C) or (E), pursuant to Section 51225.35.~~
- 21 ~~(ii) For purposes of this paragraph, “category C” refers to the~~
- 22 ~~“A-G” admission requirements for the California State University~~
- 23 ~~and the University of California.~~
- 24 (C) Two courses in science, including biological and physical
- 25 sciences.
- 26 (D) Three courses in social studies, including United States
- 27 history and geography; world history, culture, and geography; a
- 28 one-semester course in American government and civics; and a
- 29 one-semester course in economics.

1 (E) One course in visual or performing arts, foreign language,
2 or, commencing with the 2012–13 school year, career technical
3 education.

4 (i) For purposes of satisfying the requirement specified in this
5 subparagraph, a course in American Sign Language shall be
6 deemed a course in foreign language.

7 (ii) For purposes of this subparagraph, “a course in career
8 technical education” means a course in a district-operated career
9 technical education program that is aligned to the career technical
10 model curriculum standards and framework adopted by the state
11 board, including courses through a regional occupational center
12 or program operated by a county superintendent of schools or
13 pursuant to a joint powers agreement.

14 (iii) This subparagraph does not require a school or school
15 district that currently does not offer career technical education
16 courses to start new career technical education programs for
17 purposes of this section.

18 (iv) If a school district or county office of education elects to
19 allow a career technical education course to satisfy the requirement
20 imposed by this subparagraph, the governing board of the school
21 district or county office of education, before offering that
22 alternative to pupils, shall notify parents, teachers, pupils, and the
23 public at a regularly scheduled meeting of the governing board of
24 all of the following:

25 (I) The intent to offer career technical education courses to fulfill
26 the graduation requirement specified in this subparagraph.

27 (II) The impact that offering career technical education courses,
28 pursuant to this subparagraph, will have on the availability of
29 courses that meet the eligibility requirements for admission to the
30 California State University and the University of California, and
31 whether the career technical education courses to be offered
32 pursuant to this subparagraph are approved to satisfy those
33 eligibility requirements. If a school district elects to allow a career
34 technical education course to satisfy the requirement imposed by
35 this subparagraph, the school district shall comply with subdivision
36 (m) of Section 48980.

37 (III) The distinction, if any, between the high school graduation
38 requirements of the school district or county office of education,
39 and the eligibility requirements for admission to the California
40 State University and the University of California.

1 (F) Two courses in physical education, unless the pupil has been
2 exempted pursuant to the provisions of this code.

3 (2) Other coursework requirements adopted by the governing
4 board of the school district.

5 (b) The governing board, with the active involvement of parents,
6 administrators, teachers, and pupils, shall adopt alternative means
7 for pupils to complete the prescribed course of study that may
8 include practical demonstration of skills and competencies,
9 supervised work experience or other outside school experience,
10 career technical education classes offered in high schools, courses
11 offered by regional occupational centers or programs,
12 interdisciplinary study, independent study, and credit earned at a
13 postsecondary educational institution. Requirements for graduation
14 and specified alternative modes for completing the prescribed
15 course of study shall be made available to pupils, parents, and the
16 public.

17 (c) On or before July 1, 2017, the department shall submit a
18 comprehensive report to the appropriate policy committees of the
19 Legislature on the addition of career technical education courses
20 to satisfy the requirement specified in subparagraph (E) of
21 paragraph (1) of subdivision (a), including, but not limited to, the
22 following information:

23 (1) A comparison of the pupil enrollment in career technical
24 education courses, foreign language courses, and visual and
25 performing arts courses for the 2005–06 to 2011–12 school years,
26 inclusive, to the pupil enrollment in career technical education
27 courses, foreign language courses, and visual and performing arts
28 courses for the 2012–13 to 2016–17 school years, inclusive.

29 (2) The reasons, reported by school districts, that pupils give
30 for choosing to enroll in a career technical education course to
31 satisfy the requirement specified in subparagraph (E) of paragraph
32 (1) of subdivision (a).

33 (3) The type and number of career technical education courses
34 that were conducted for the 2005–06 to 2011–12 school years,
35 inclusive, compared to the type and number of career technical
36 education courses that were conducted for the 2012–13 to 2016–17
37 school years, inclusive.

38 (4) The number of career technical education courses that
39 satisfied the subject matter requirements for admission to the
40 University of California or the California State University.

1 (5) The extent to which the career technical education courses
2 chosen by pupils are aligned with the California Career Technical
3 Education Standards, and prepare pupils for employment, advanced
4 training, and postsecondary education.

5 (6) The number of career technical education courses that also
6 satisfy the visual and performing arts requirement, and the number
7 of career technical education courses that also satisfy the foreign
8 language requirement.

9 (7) Annual pupil dropout and graduation rates for the 2011–12
10 to 2014–15 school years, inclusive.

11 (d) For purposes of completing the report described in
12 subdivision (c), the Superintendent may use existing state resources
13 and federal funds. If state or federal funds are not available or
14 sufficient, the Superintendent may apply for and accept grants,
15 and receive donations and other financial support from public or
16 private sources for purposes of this section.

17 (e) For purposes of completing the report described in
18 subdivision (c), the Superintendent may accept support, including,
19 but not limited to, financial and technical support, from high school
20 reform advocates, teachers, chamber organizations, industry
21 representatives, research centers, parents, and pupils.

22 (f) This section shall become inoperative on the earlier of the
23 following two dates:

24 (1) On July 1, immediately following the first fiscal year after
25 the enactment of the act that adds this paragraph in which the
26 number of career technical education courses that, as determined
27 by the department, satisfy the foreign language requirement for
28 admission to the California State University and the University of
29 California is at least twice the number of career technical education
30 courses that meet these admission requirements as of January 1,
31 2012. This section shall be repealed on the following January 1,
32 unless a later enacted statute, that becomes operative on or before
33 that date, deletes or extends the dates on which it becomes
34 inoperative and is repealed. It is the intent of the Legislature that
35 new career technical education courses that satisfy the foreign
36 language requirement for admission to the California State
37 University and the University of California focus on world
38 languages aligned with career preparation, emphasizing real-world
39 application and technical content in related career and technical
40 education courses.

(2) On July 1, 2017, and, as of January 1, 2018, is repealed, unless a later enacted statute, that becomes operative on or before January 1, 2018, deletes or extends the dates on which it becomes inoperative and is repealed.

SEC. 2. Section 51225.3 of the Education Code, as amended by Section 3 of Chapter 324 of the Statutes of 2013, is amended to read:

51225.3. (a) A pupil shall complete all of the following while in grades 9 to 12, inclusive, in order to receive a diploma of graduation from high school:

(1) At least the following numbers of courses in the subjects specified, each course having a duration of one year, unless otherwise specified:

(A) Three courses in English.

(B) ~~(i) Two courses in mathematics. If the governing board of a school district requires more than two courses in mathematics for graduation, the governing board of the school district may award a pupil up to one mathematics course credit for successfully completing a “category C” approved computer science course. The governing board of the school district shall not award a pupil mathematics course credit for a “category C” approved computer science course if the governing board of the school district also awards the pupil credit for that course pursuant to subparagraph (C) or (E). pursuant to Section 51225.35.~~

~~(ii) For purposes of this subparagraph, “category C” refers to the “A-G” admission requirements for the California State University and the University of California.~~

(C) Two courses in science, including biological and physical sciences.

(D) Three courses in social studies, including United States history and geography; world history, culture, and geography; a one-semester course in American government and civics; and a one-semester course in economics.

(E) One course in visual or performing arts or foreign language. For purposes of satisfying the requirement specified in this subparagraph, a course in American Sign Language shall be deemed a course in foreign language.

(F) Two courses in physical education, unless the pupil has been exempted pursuant to the provisions of this code.

(2) Other coursework requirements adopted by the governing board of the school district.

(b) The governing board, with the active involvement of parents, administrators, teachers, and pupils, shall adopt alternative means for pupils to complete the prescribed course of study that may include practical demonstration of skills and competencies, supervised work experience or other outside school experience, career technical education classes offered in high schools, courses offered by regional occupational centers or programs, interdisciplinary study, independent study, and credit earned at a postsecondary educational institution. Requirements for graduation and specified alternative modes for completing the prescribed course of study shall be made available to pupils, parents, and the public.

(c) If a pupil completed a career technical education course that met the requirements of subparagraph (E) of paragraph (1) of subdivision (a) of Section 51225.3, as amended by the act adding this section, before the inoperative date of that section, that course shall be deemed to fulfill the requirements of subparagraph (E) of paragraph (1) of subdivision (a) of this section.

(d) This section shall become operative upon the date that Section 51225.3, as amended by the act adding this section, becomes inoperative.

SEC. 3. Section 51225.35 is added to the Education Code, immediately following Section 51225.3, to read:

51225.35. (a) (1) If the governing board of a school district requires more than two courses in mathematics for graduation from high school, the governing board of the school district may award a pupil up to one mathematics course credit pursuant to subparagraph (B) of paragraph (1) of subdivision (a) of Section 51225.3 for successfully completing a "category C" approved computer science course.

(2) The governing board of a school district is encouraged to ensure that any computer science course that the school district awards a pupil mathematics course credit for pursuant to paragraph (1) builds upon fundamental mathematics content.

(3) The governing board of a school district is encouraged to support schools in submitting any computer science course that a school wishes to use to fulfill school district imposed mathematics

- 1 *subject area requirements to the University of California for*
- 2 *certification and addition to the school's "A–G" course list.*
- 3 *(b) For purposes of this section, "category C" refers to the*
- 4 *"A–G" admission requirements for the California State University*
- 5 *and the University of California.*